

Emerging Technologies in the Classroom

JulyCon Professional Learning Conference
St Leonard's College

18th July 2011



Presented by Anna Adams and Susanne Haake

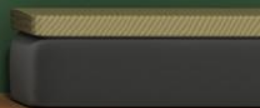
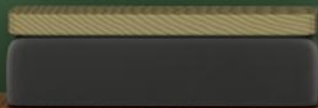
The 21st Century Classroom

- What does the 21st century classroom look like?
 - Go to the Link in the email that was sent yesterday – Google Docs.
 - We will be collaboratively editing this document with words that describe a 21st Century classroom.
 - From this, we will copy and paste the word list to www.wordle.net to create a Wordle.
 - Once created, use the Snipping tool to copy and paste it into a document, PowerPoint presentation, etc.



Wordle Brainstorm

The 21st Century Classroom



Get on board...

- Emerging technologies is about capturing the technology young people are using, bringing it into the classroom and taking the learning beyond the classroom.
- The 'technology train' is well underway. We need to use the technology that our students are already using in their wider world and therefore move learning beyond the classroom and a natural part of their daily interactions with their peers.



The 21st Century Student

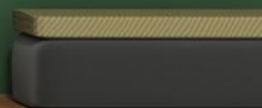
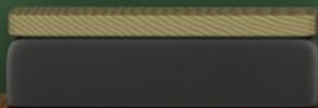
- In 2015 this boy will start Prep in **YOUR** classroom and in 2022 he will start Year 7. How will you teach him?
- <http://www.youtube.com/watch?v=MGMsT4qNA-c>

Mobile Learning

What the Research says...

- Promotes **confidence** and **independence** regardless of year level and age.
- Promotes **peer coaching** and developing activities for each other.
- Important in encouraging ESL learners, reluctant learners (at risk/disengaged).
- Improves attendance, more **active participation** in class.
- Promotes **better preparation** and organisation for class.
- Supports more regular **completion of school** work and homework.

- Mobile learning stimulates enjoyment in learning.
- Greater **interaction** (& writing) from boys in particular, in blogs, podcasts and web pages.
- Stimulates teachers and students to work creatively to **improve literacy and numeracy**.
- **Motivates teachers** to rethink their pedagogy around the use of ICT and mobile devices.

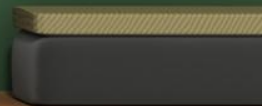
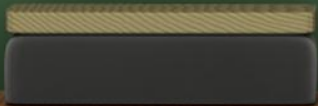
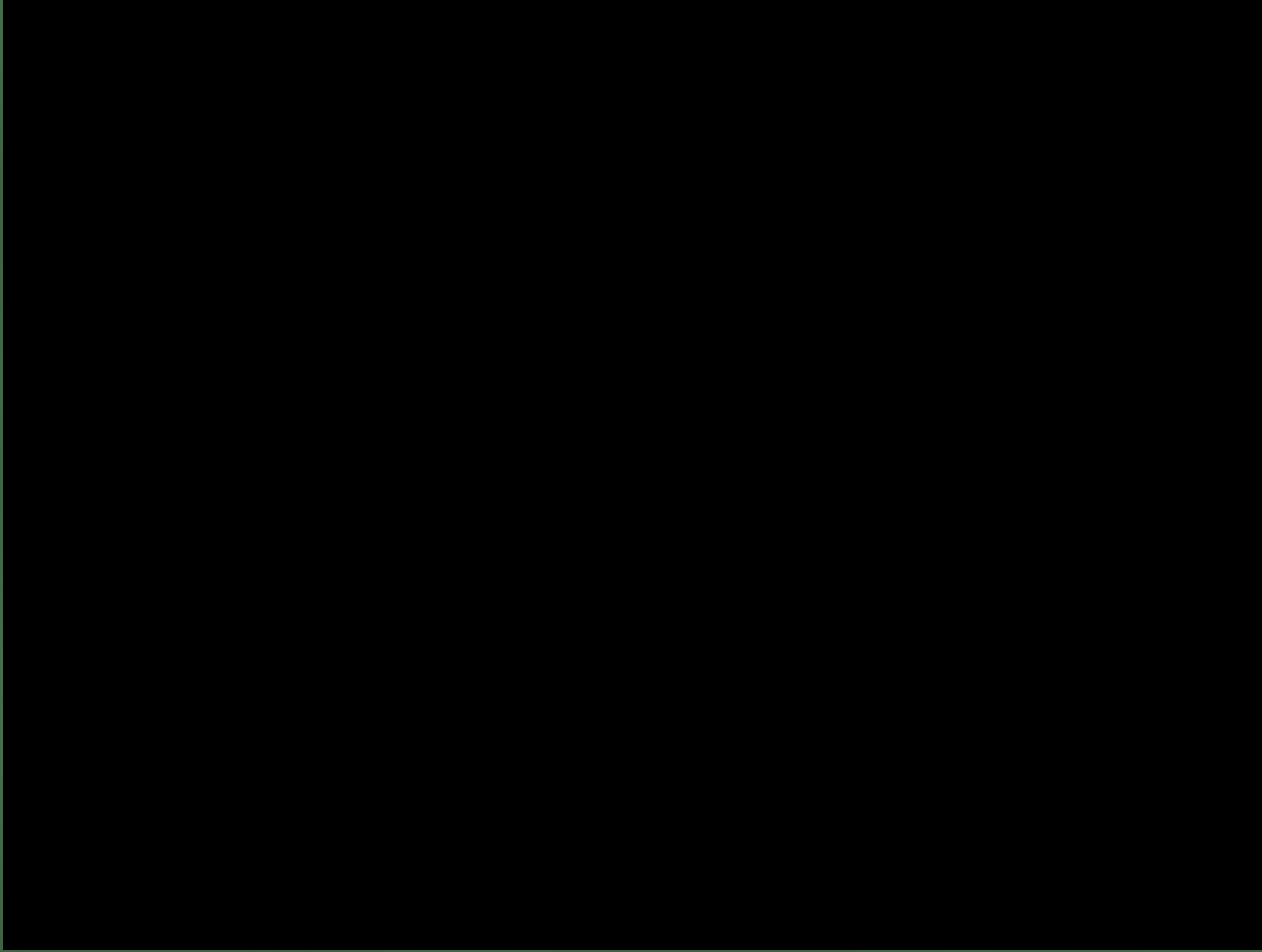


Microsoft Photo Story 3

- Photo Story helps you to create exciting video stories by adding, panning and zooming effects to your photos or pictures.
- You can use Photo Story to record narration to your pictures, and add titles and background music to your stories.



Year 6 Canberra Trip 2011



Making your own digital story using Photo Story 3

- Go to *`All Programs`*
- Go to *`Microsoft Photo Story 3`*
- Work through the prompts using *`Sample Pictures`* if you don't have any photographs of your own.

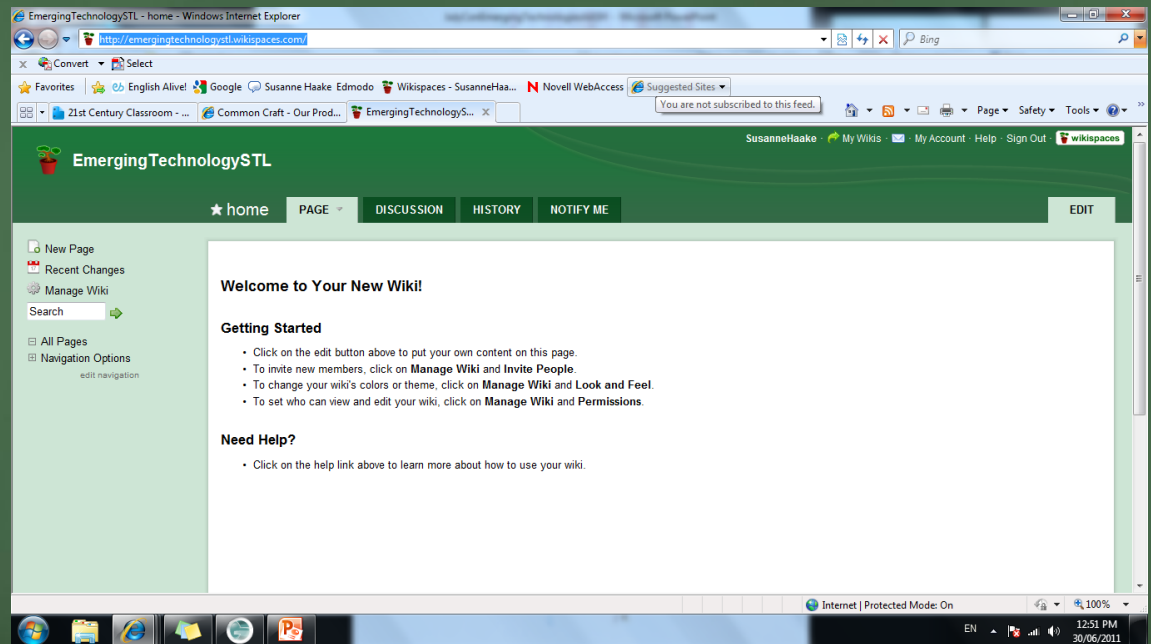
Wikis... What are they?

- <http://www.youtube.com/user/leelefever#p/u/15/-dnL00TdmLY>
- Wikis are online spaces where teachers can upload material, ideas, comments and feedback and students can respond to these comments.
- Wikis are discussion forums where the most recent addition will automatically come to the top of the list of discussions.
- A Year 12 English Wiki was established last year and has been actively used this year.
- The Year 11s are new to the Wiki, but starting to learn what they can do.
 - <https://www.wikispaces.com/user/my/SusanneHaake>

Let's visit the Wiki...

<http://emergingtechnologystl.wikispaces.com/>

- Go to www.wikispaces.com
- Create a username and password to create an account.
- Refer to the email invitation to join the STL Emerging Technologies Wiki.



Blogs... What are they?

- If you are unfamiliar with blogs, they are like online journals. Blogs are websites where administrators (students/teachers) can add posts which are displayed in reverse chronological order (that means the newest posts come up at the top of the blog).
- People leave comments on posts which can create rich discussions and make the blog an interactive space.
- Some blogs have pages at the top with more information about the blog.
- There are panels on the side of the blog where you can go to past posts and view recent comments.
- <http://www.youtube.com/watch?v=NN2I1pWXjXI>

Benefits of Blogging

1. **Share materials, news, downloads, links and more** - Anything that you post to your blog will instantly be accessible by your students from school *and* from home. What's more, you can easily manage who gets to access them through passwords and privacy measures.
2. **Facilitate online discussions and collaboration** - Students can simply respond to blog posts and discuss topics through comments or on our simple to use forums.
3. **Create a class publication that students can easily publish to and you can easily edit** - Seamlessly produce a custom designed, finely tuned and engaging collaborative online publication by your class.

3. **Replace your newsletter and stay in touch with parents about what is going on in class** - Enjoy photocopying and stapling pages and pages of newsletters on a Friday afternoon? Thought not! It's ridiculously simple to post class information, news, events and more on your Edublog.
5. **Get your students blogging so that they can share their work and thoughts** - Your Edublog can be used to glue together your students' blogs which you can quickly create, co-manage, and even edit if needed.
6. **Share your lesson plans** - We all love planning, right? Using an Edublog can turn planning and reflecting on classes into a genuinely productive – and even collaborative – experience.

7. **Integrate videos, podcasts, and other media** - In just a couple of clicks, you can embed online videos, multimedia presentations, slideshows and more right into your Edublog posts.
8. **Create blogs for clubs, student groups, events, sports teams, or just about any type of group** - Edublogs make it easy to organize groups by keeping everyone informed.
9. **Get feedback or gather information** - You can use comments, forums, or even customized forms to collect feedback, survey data, or ask anyone you'd like to give input or ideas.
10. **Create a fully functional website** - One of the great things about Edublogs is that they are much, much more than just blogging tools. In fact, you can use your edublog to create a multi-layered, in-depth, multimedia rich website – that hardly looks like a blog at all.





Welcome

Kallista Primary School is a very special place to be. Teachers, students and parents share ownership of our unique environment and exciting programs. Our new blog is designed to keep you informed of our up and coming events, display some of our special activities and present our educational programs and beliefs. We are very excited about our new blog and invite you to scroll through. Yours Sincerley
Barbara Rose
rose.barbara.b@edumail.vic.gov.au



Principal Comments May 4th

Filed Under (**Uncategorized**) by **dflagg** on 09-05-2011

Open Day – Friday 20th May

Open Day on Friday 20th May from 9.15 am to 12.00: We would like to invite all parents, grandparents and visitors to wander through the school and see the children at work on Open Day. We are proud of the way our children learn and would like you to see this for yourself. We will be running regular class programs during this time.

Camps:

The Grade 3 and 4 camp is in a week and a half (Monday 16th—Wed 18th May) at Flinders.

Kallista Primary School 72
Monbulk Road Kallista, 3791
(03) 9755 2633
kallista.ps@edumail.vic.gov.au

Class Blogs

- ▶ 1A Classroom Blog
- ▶ 1B Classroom Blog
- ▶ 2T Classroom Blog
- ▶ 4/5S Classroom Blog
- ▶ 4F Classroom Blog
- ▶ 5/6MD Classroom Blog (2010)

Kallista Primary uses Global2 for their school website at

<http://kallista.global2.vic.edu.au/>

2KM And 2KJ @ Leopold Primary School

Welcome to our blog! We are the children from 2KM and 2KJ at Leopold Primary School. There are 42 of us and our teachers are Mrs Kathleen Morris and Miss Kelly Jordan. We use this space to share all the great things that are happening in our classroom. Please leave a comment!



Subscribe via Email

Enter your email address:

Delivered by [FeedBurner](#)

Our Global Visitors



Leopold Time

Handwriting and Typing

Posted by [Miss Kelly Jordan](#) on Thursday, May 19th 2011 [edit](#)

In 2KM and 2KJ we are always trying to improve our handwriting and typing skills. It is important to have good handwriting *and* be able to type well on a computer.

We do lots of different types of writing activities in our class and we always try to do our neatest writing. Once a week we do a special handwriting lesson. We focus on a different letter each week and we need to remember the size, shape, direction and formation of the letters. We use Victorian Modern Cursive handwriting. Here is a sample of what it looks like:

We love handwriting!

Search for:

Categories

1. Quad Blogging Buddies

[Mr Salsich's Class Blog](#)

[Mrs Yollis' Class Blog](#)

[Open the Door to B4](#)

2. Class Blogs

Kathleen and Kelly at Leopold are leaders in global projects drawing a worldwide audience to their blog

<http://2kmand2kj.global2.vic.edu.au/>

Technoscience

Britt Gow from Hawkesdale P12 College

[FRONT PAGE](#)

[ABOUT](#)

[RSS](#)



Chromotography with Smarties and Autumn leaves

April 30th, 2011 · 6 Comments · Chemistry, Practical Experiments, Year 7 · Edit

0
tweets

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any time.


**Britt Gow at Hawkesdale uses her blog in
teaching her secondary science classes**
<http://technoscience.global2.vic.edu.au/>

[Home](#) [Blog Guidelines](#) [LunchBox Project](#) [Practica](#) [Preguntas](#)

LOCO @ LONNIE

Bienvenidos! We are P-6 students from Pt Lonsdale Primary in Victoria, Australia. We are starting our first year of learning Spanish. Keep checking in to see all the fun we get up to.

[Feed on](#) [Posts](#) [Comments](#)



Rosa Prieto from the Spanish Embassy visits our school!


May 16th, 2011 by [senoritamurphy](#) Edit |

We were all very lucky because we had a visit today from Rosa Prieto. Rosa is the Cultural Atache from the Spanish Embassy. Her job is to help students, schools and communities who are learning Spanish in anyway that she can. She definitely helped us all today. She visited our classes, went on a tour of the school, and spoke to us all at assembly. Here are some pictures of Rosa entertaining the Prep and 1's with stories and puppets. We look forward to many more visits from Rosa and we all promised to keep practicing our Spanish to let her hear all we learned for next time.

Rosa Prieto visits our school on PhotoPeach



Bienvenidos



Aine Murphy at Point Lonsdale is leading the way in the LOTE area

<http://locoatltonnie.global2.vic.edu.au/>

6A 2011 Blog

<http://annaadams.edublogs.org>

Technology for Peer Review

- Inexpensive video cameras with USB upload allow for instant review of presentations and peer feedback.
- Allows for students to record and present their own video podcasts which can be used by themselves or uploaded to a Blog.



Post Review Version



Sneak Preview of the Finished Product

- <http://www.youtube.com/watch?v=HCjYdbVpwxg>

Websites and Resources

- Teachgennow
 - *Teachgennow.com.au* – website administrated by 3 Leopold Primary School teachers who are leaders in many areas of ICT/ teacher support.
 - Log on to site and view the archives- 3 teachers produce a fortnightly e newsletter named for teachers
 - `Tech Tools` and many of the plain speaking workshops are invaluable for primary and secondary teachers.

- **About Tech Tools for Teachers**

- Simon Collier and Kathleen Morris began a free e-newsletter for educators called *Tech Tools for Teachers* in January 2010. Matt Limb joined the team in 2011 and together they are [Teaching Generation Now](#).
- Each fortnight, *Tech Tools for Teachers* highlights an online tool or website that can be used in the classroom and provides step-by-step instructions on how to use it.
- *Tech Tools for Teachers* is suitable for both primary and secondary teachers and they provide practical examples of how the tool or website could be integrated into the curriculum. These examples are based on their own experiences as Kathleen is teaching grade two, Matt is teaching grade six and Simon teaches across various secondary levels.
- The purpose of *Tech Tools for Teachers* is to publicise and promote the use of ICT tools and web links to staff who are not regularly sourcing the available information on the net. This in turn, increasing the use of the wonderful education tools available online to support student learning.

Possibilities for Skype and Chat

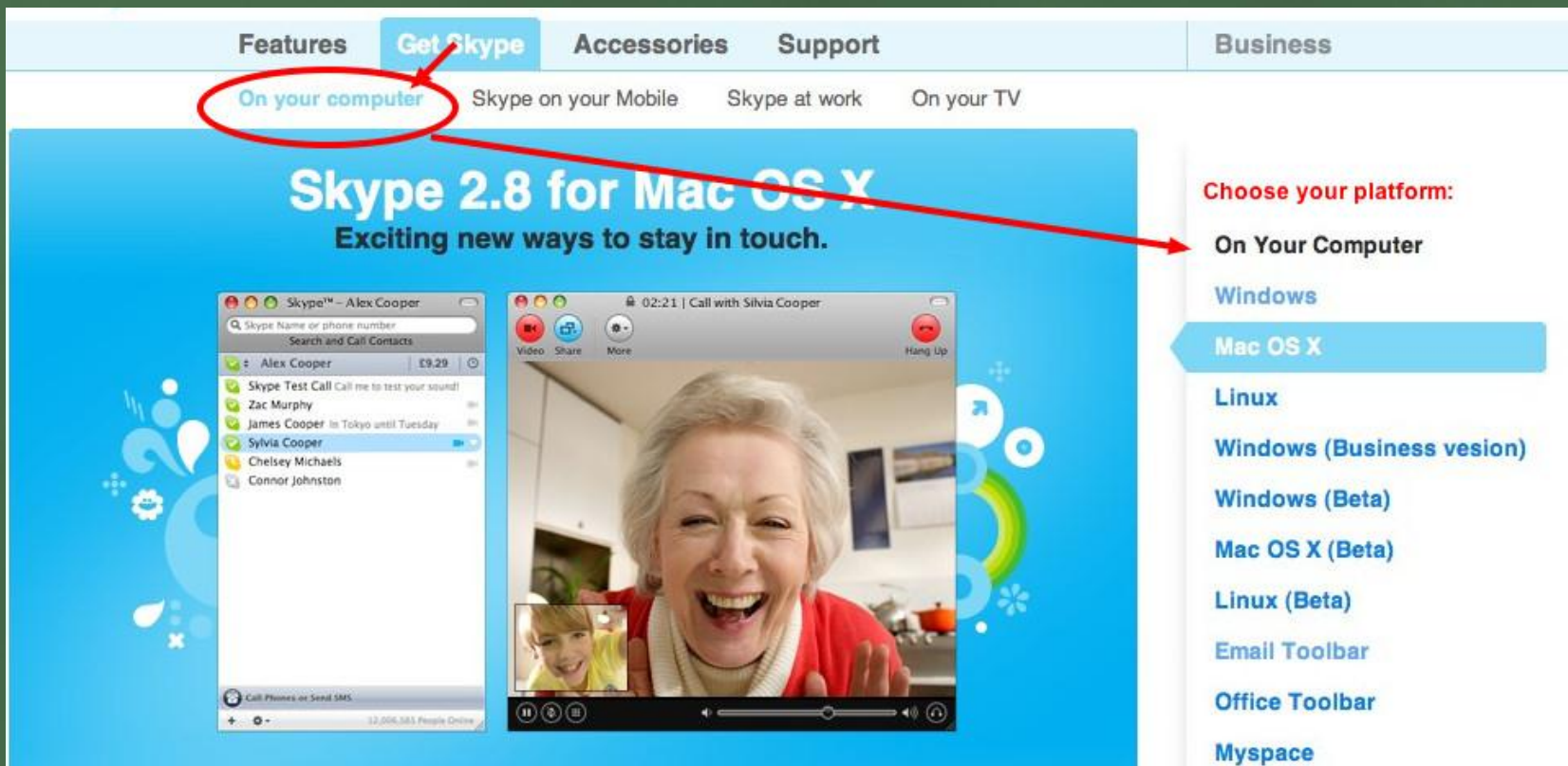


- Skype
 - Skype is a free software application that can allow you to make video and voice calls over the internet. Calls to other skype users are free and there are many extra features that can allow you to collaborate and communicate with other around the world. Other features include: instant messaging, file transfer, conference calls and screen sharing.
 - **We like Skype because it:**
 - is free
 - allows you to make free audio and video calls computer-computer (note computer-phone calls incur a charge)
 - can be used for collaborative learning

- allows you to communicate and learn from others around the world
- is suitable for all year levels
- be used in all curriculum areas
- can be used on the IWB, student notebooks, iPod Touch or classroom computers
- is simple to use
- is used by many people around the world (ie there are many people you can call!)

- **HOW TO...**

- To **download** skype go to www.skype.com. Click on the link 'Get Skype' and you can then choose which platform or operating system your computer uses and then click on the download button to install the application onto your computer.



- Once you have downloaded the program you will need to create a new account. Your new account will need a valid e-mail address in order to receive your password.

- **You** now have a skype account and you are ready to use it in your classroom to contact other classrooms around the world or even call an expert for a question and answer forum. *Check out this link for a list of classes who are interested in skyping other classes*
<http://theedublogger.com/want-to-connect-with-other-classrooms/>
- **USES:**
- Kathleen's grade



- Chat – www.edmodo.com
 - Edmodo is a secure online social learning space – Facebook for students and teachers if you will.
 - Running a pilot Edmodo chat support program in Term 3 with Year 12 students.
 - Go to: www.edmodo.com – student sign up – use code **jwvqzm**.



Podcasts

- <http://www.youtube.com/watch?v=vMgemQahuFM>
- Some favourites...
 - Ed Tech Crew <http://www.edtechcrew.net/> this podcast by Victorians Darrel Branson and Tony Richards is a discussion on all things digital in education.
 - The Virtual Staffroom <http://virtualstaffroom.net/about/> is run by Australian educator, Chris Betcher. *"The basic premise of the podcast is to hear from leading educators about how they use technology in their classrooms."*
 - Ed Pod <http://www.abc.net.au/rn/edpod/> this is a podcast of the fortnightly radio show on Radio National, presented by Richard Aedy. *"EdPod presents a mix of education stories, from early childhood to the end of secondary school."*

Getting Podcasts

- You can often listen to it online or you can download it so you can listen on your computer, iPod or MP3 player.
- The most common way to get podcasts is through iTunes.
- iTunes allows you to download podcasts and transfer them to an iPhone, iPod, MP3 player. Listening to podcasts from websites requires internet access.
 - Let's look at iTunes...

Podcasting

- Audacity is the most common freeware used for recording Podcasts on PCs.
- How to use Audacity?
 - <http://www.youtube.com/watch?v=IC3VZkfdgV8&feature=related>



Copyright

The boring but necessary stuff...

- www.smartcopying.edu.au
- Copyright Provisions ONLY apply to authorised material (not pirated copies).
- Five instances where teachers do not need to rely on the special provisions of the Copyright Act:
 - Linking – providing a path to material in its original location.
 - Embedding – allows users to view material at its original location without leaving the site they are on (requires copying of HTML code).
 - Using original material created by you or your department.
 - Permission of the Copyright owner – owner of the copyright provides permission for use for educational purposes.
 - Copyright owners has provided ‘blanket’ permission for use for educational purposes.

Flexible Dealings

- The *Copyright Amendment Act 2006* introduced an important new exception for Australian schools which allows Australian teachers to use copyright materials for free in narrow circumstances for the purposes of educational instruction (section 200AB of the Copyright Act).
- Section 200AB does not specify exactly which copyright uses will and won't be permitted. It sets out a number of rules which teachers must use to decide whether a particular use of copyright material will be allowed.

Basic 200AB Guidelines

- There are 5 guidelines for determining whether the 200AB exception applies:
 1. You must be using the copyright material for the *purposes of giving educational instruction*.
 2. Your use must be *non-commercial*.
 3. The circumstances of your use must be a *special case*.
 4. Your use must not *conflict with the normal exploitation* of the copyright material you are using.
 5. Your use must not *unreasonably prejudice the copyright owner*.
- When in doubt, refer to www.smartcopying.edu.au

Where to from here...

Digital Technology at St Leonard's College

- Advantages/ Challenges/ Obstacles to the use of technology.
 - <http://emergingtechnologystl.wikispaces.com/>
 - Visit the Wiki and go to the discussion tab at the top. Spend a few minutes responding to the questions in the first post.
- If I were King of St Leonards for a day...
 - Let's chat using Edmodo!
 - Go to: www.edmodo.com – student sign up – use code **jwvqzm**.

Play time...



We hope you will take this leap into
the world of 'Emerging Technology' as
we have done.

Happy Term 3...and thank you.

Anna & Susanne